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M E M O R A N D U M

TO: William Messenger, Chief, Pre-Remedial Unit
FROM: Ronald W. Bugg, FIT member
DATE: August 29, 1990
SUBJECT: Illinois/F05-8912-092/FIL0707SA
Argo-Summit/Moffet Technology
ILD070014774

Moffet Technology is owned by Corn Products Company (CPC) and is located in Argo-Summit, Illinois. Moffet Technology is a research lab for CPC which is a corn milling plant that produces high fructose corn products. In 1971, IEPA and the Illinois Department of Health granted permission for CPC to dispose of flyash into an abandoned southwest section of the Illinois and Michigan Canal. In 1976, CPC requested for more space in the abandoned I & M Canal. In 1979, CPC was allowed to dispose of an average of 40 tons of lime sludge per month in the I & M Canal disposal area. In 1983, Moffet disposed of lab waste which contained carbon tetrachloride into the I & M Canal disposal area. The lab waste was lab packed and then placed into the disposal area.

The Summit area receives water from the city of Chicago, which receives their water from Lake Michigan intakes near Navy Pier. The cities of Lyons and Hickory Hills blend groundwater with the surface water from Lake Michigan. The blended water is distributed among the population of 23,000 people (around 9,500 for Lyons and 12,500 for Hickory Hills). The groundwater wells are located greater than 3 miles from the site. There are no residential wells used for drinking water within a 3-mile radius of the site. The I & M sanitary and shipping canal is located approximately one hundred feet west of the site.

FIT believes that the drinking water sources are not affected by the site and the surface water close to the site may be affected by the waste but the sanitary and shipping canal is only used industrially. FIT recommends that no further action is needed at the Moffet Technology site.

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